

FIG.1

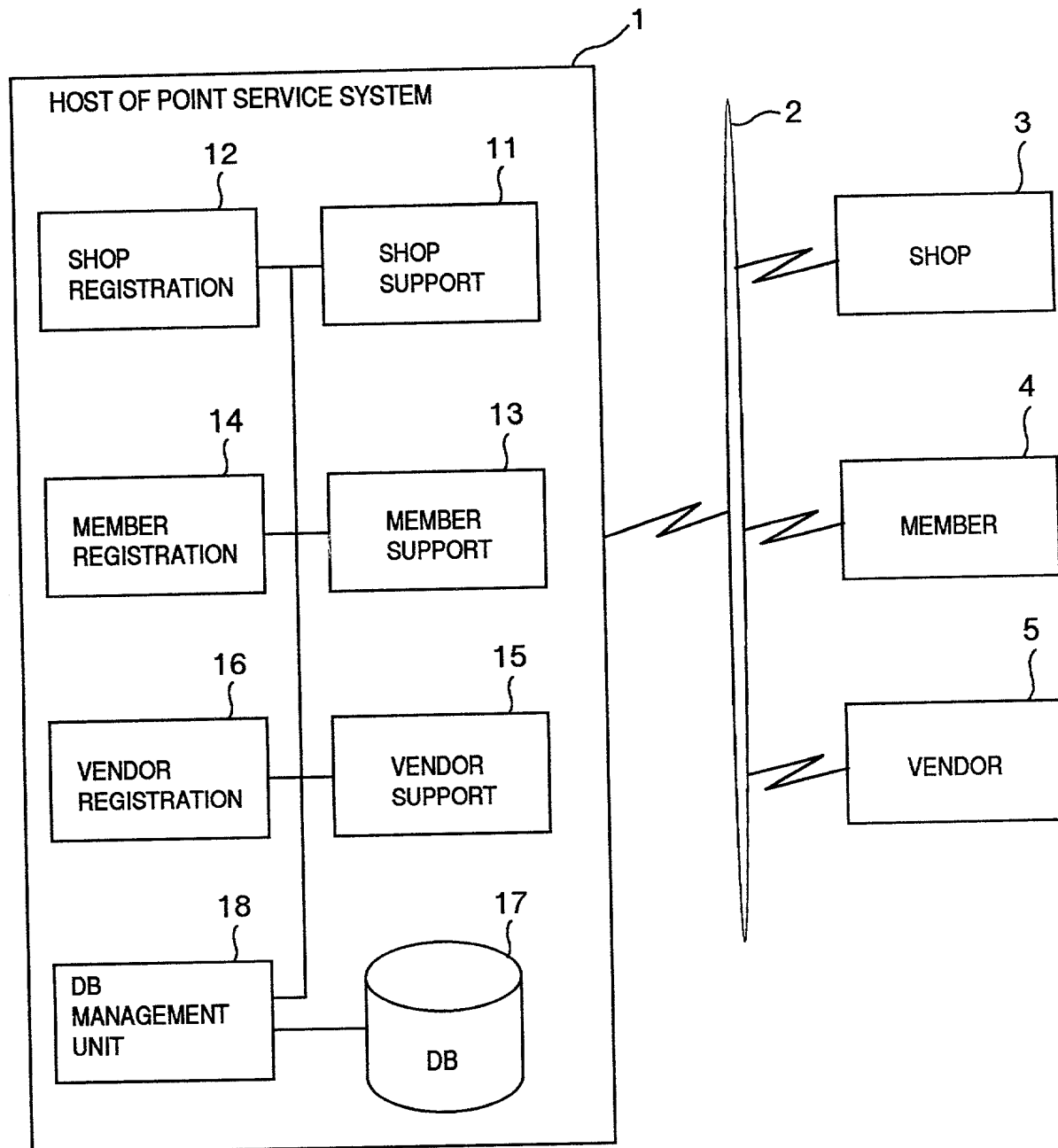


FIG.2

(a) SHOP LIST

| SHOP ID | SHOP KEY | CONTRACT TERM | | | | |
|------------|--------------|---------------|----------------|------------------|----------------------|---------|
| SERVICE ID | SERVICE NAME | POINT NUMBER | PROVIDING TERM | REMAINING NUMBER | POINT EFFECTIVE TERM | MESSAGE |
| | | | | | | |
| | | | | | | |

(b) VENDOR LIST

| VENDOR ID | VENDOR KEY | CONTRACT TERM | | | | |
|------------|--------------|---------------|----------------|------------------|----------------------|---------|
| PREMIUM ID | PREMIUM NAME | POINT NUMBER | PROVIDING TERM | REMAINING NUMBER | POINT EFFECTIVE TERM | MESSAGE |
| | | | | | | |
| | | | | | | |

(c) MEMBER LIST

| MEMBER ID | MEMBER KEY | CONTRACT TERM | ACCUMULATED POINT NUMBER | BELONGING TO FAMILY ? | FAMILY ID |
|-----------|------------|---------------|--------------------------|-----------------------|-----------|
|-----------|------------|---------------|--------------------------|-----------------------|-----------|

(d) FAMILY LIST

| FAMILY ID | MEMBER NUMBER | ACCUMULATED POINT NUMBER | PRESENCE OF BOSS NUMBER ? | BOSS MEMBER ID |
|-----------|---------------|--------------------------|---------------------------|----------------|
|-----------|---------------|--------------------------|---------------------------|----------------|

FIG.3

(a) POINT USING RULE FOR SHOP

| | | | | |
|---------------------|---------------|---------------|-------------|----------------------|
| SERVICE PRICE RANGE | MINIMUM POINT | MAXIMUM POINT | BONUS POINT | BONUS LONGEST PERIOD |
|---------------------|---------------|---------------|-------------|----------------------|

(b) POINT USING RULE FOR VENDOR

| | | | | |
|---------------------|---------------|---------------|-------------|----------------------|
| PREMIUM PRICE RANGE | MINIMUM POINT | MAXIMUM POINT | BONUS POINT | BONUS LONGEST PERIOD |
|---------------------|---------------|---------------|-------------|----------------------|

(c) CONTRACT TERM EXPIRATION NOTICE RULE FOR SHOP

| | | | |
|-------------------------------|-------------------------------|--------------------------------|--------------------------------|
| TERM EXPIRATION NOTICE TIME 1 | TERM EXPIRATION NOTICE TIME 2 | NOTICE SUPPRESSING CONDITION 1 | NOTICE SUPPRESSING CONDITION 2 |
|-------------------------------|-------------------------------|--------------------------------|--------------------------------|

(d) CONTRACT TERM EXPIRATION NOTICE RULE FOR VENDOR

| | | | |
|-------------------------------|-------------------------------|--------------------------------|--------------------------------|
| TERM EXPIRATION NOTICE TIME 1 | TERM EXPIRATION NOTICE TIME 2 | NOTICE SUPPRESSING CONDITION 1 | NOTICE SUPPRESSING CONDITION 2 |
|-------------------------------|-------------------------------|--------------------------------|--------------------------------|

(e) CONTRACT TERM EXPIRATION NOTICE RULE FOR MEMBER

| | | | |
|-------------------------------|-------------------------------|--------------------------------|--------------------------------|
| TERM EXPIRATION NOTICE TIME 1 | TERM EXPIRATION NOTICE TIME 2 | NOTICE SUPPRESSING CONDITION 1 | NOTICE SUPPRESSING CONDITION 2 |
|-------------------------------|-------------------------------|--------------------------------|--------------------------------|

(f) TRANSACTION TRACE INFORMATION

| | | | | | | |
|-----------------|-----------------|--------------------|------------------|-----------|------------|----------|
| OCCURRENCE DATE | OCCURRENCE TIME | TRANSACTION NUMBER | TRANSACTION TYPE | MEMBER ID | MEMBER KEY | COMMENTS |
|-----------------|-----------------|--------------------|------------------|-----------|------------|----------|

(g) POINT SERVICE USING INFORMATION FOR SHOP

| | | | | |
|---------|------------------------------|---------------------------------|--------------------------|-----------------------|
| SHOP ID | TOTAL NUMBER OF TRANSACTIONS | TOTAL NUMBER OF PROVIDED POINTS | INITIAL TRANSACTION DATE | LAST TRANSACTION DATE |
|---------|------------------------------|---------------------------------|--------------------------|-----------------------|

(h) POINT SERVICE USING INFORMATION FOR VENDOR

| | | | | |
|-----------|------------------------------|---------------------------------|--------------------------|-----------------------|
| VENDOR ID | TOTAL NUMBER OF TRANSACTIONS | TOTAL NUMBER OF OBTAINED POINTS | INITIAL TRANSACTION DATE | LAST TRANSACTION DATE |
|-----------|------------------------------|---------------------------------|--------------------------|-----------------------|

(i) POINT SERVICE USING INFORMATION FOR MEMBER

| | | | | | |
|-----------|------------------------------|---------------------------------|---------------------------------|--------------------------|-----------------------|
| MEMBER ID | TOTAL NUMBER OF TRANSACTIONS | TOTAL NUMBER OF OBTAINED POINTS | TOTAL NUMBER OF CONSUMED POINTS | INITIAL TRANSACTION DATE | LAST TRANSACTION DATE |
|-----------|------------------------------|---------------------------------|---------------------------------|--------------------------|-----------------------|

(j) POINT SERVICE USING INFORMATION FOR FAMILY

| | | | | | |
|-----------|------------------------------|---------------------------------|---------------------------------|--------------------------|-----------------------|
| FAMILY ID | TOTAL NUMBER OF TRANSACTIONS | TOTAL NUMBER OF OBTAINED POINTS | TOTAL NUMBER OF CONSUMED POINTS | INITIAL TRANSACTION DATE | LAST TRANSACTION DATE |
|-----------|------------------------------|---------------------------------|---------------------------------|--------------------------|-----------------------|

FIG.4

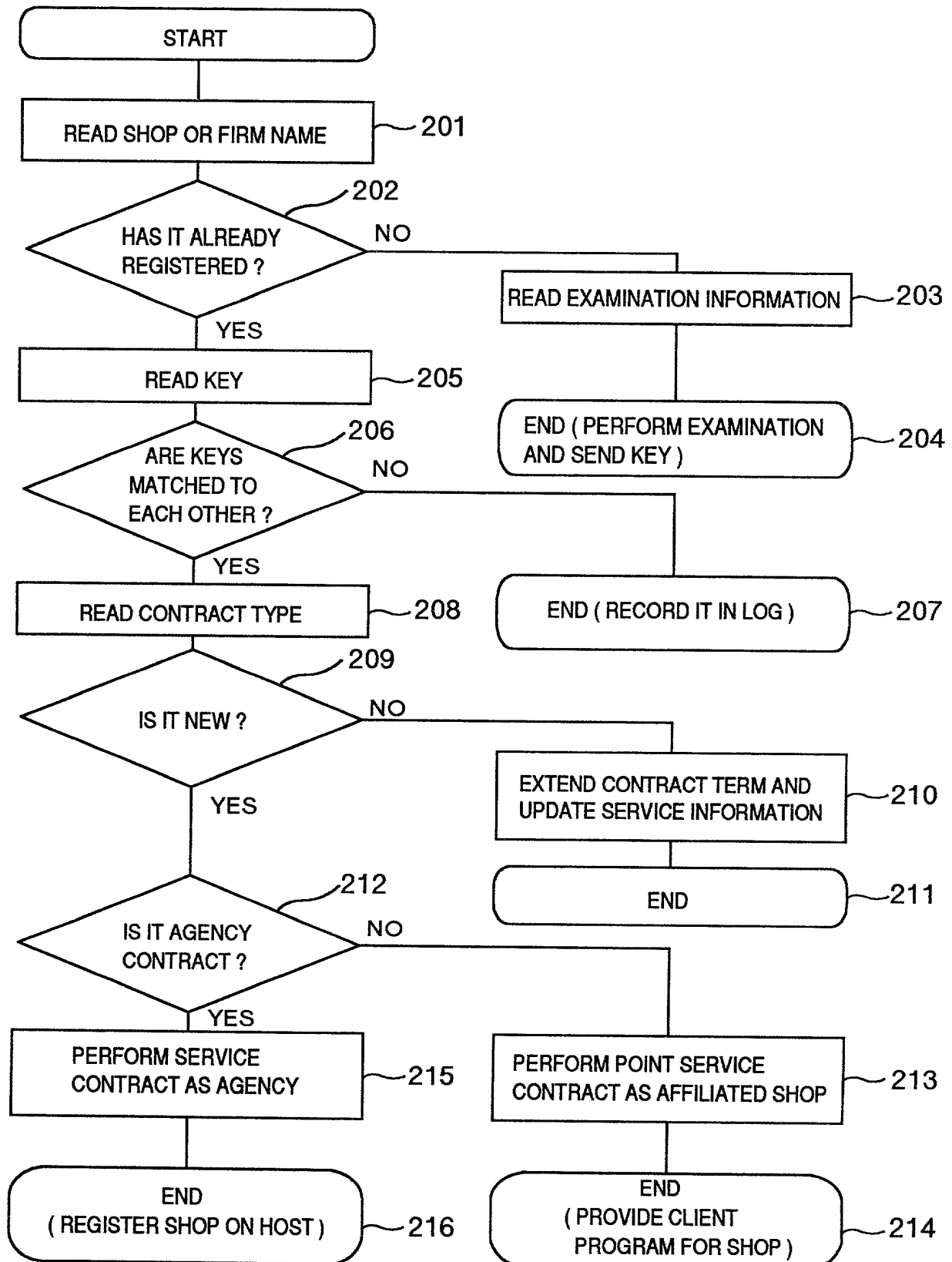
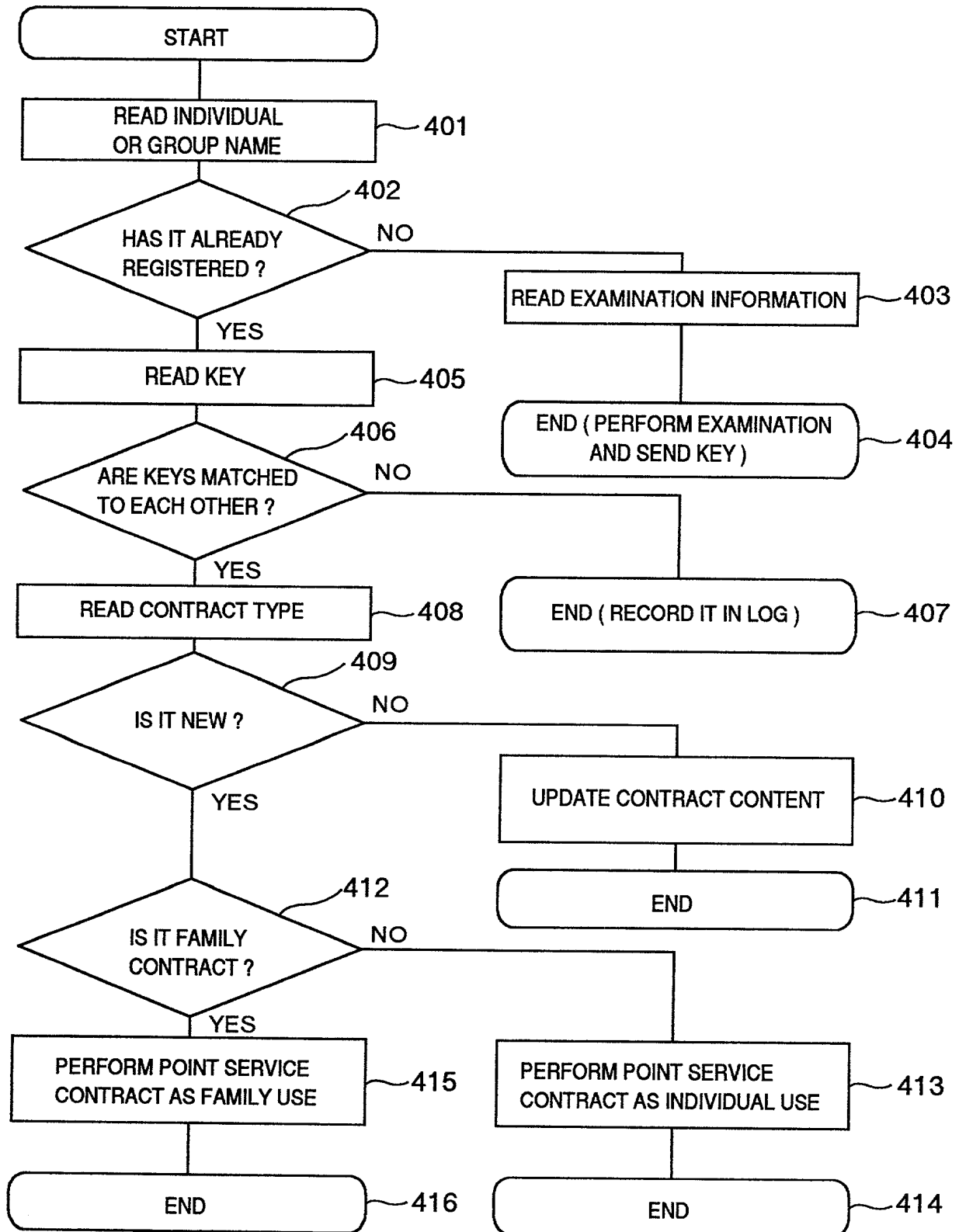


FIG.5



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FIG.6

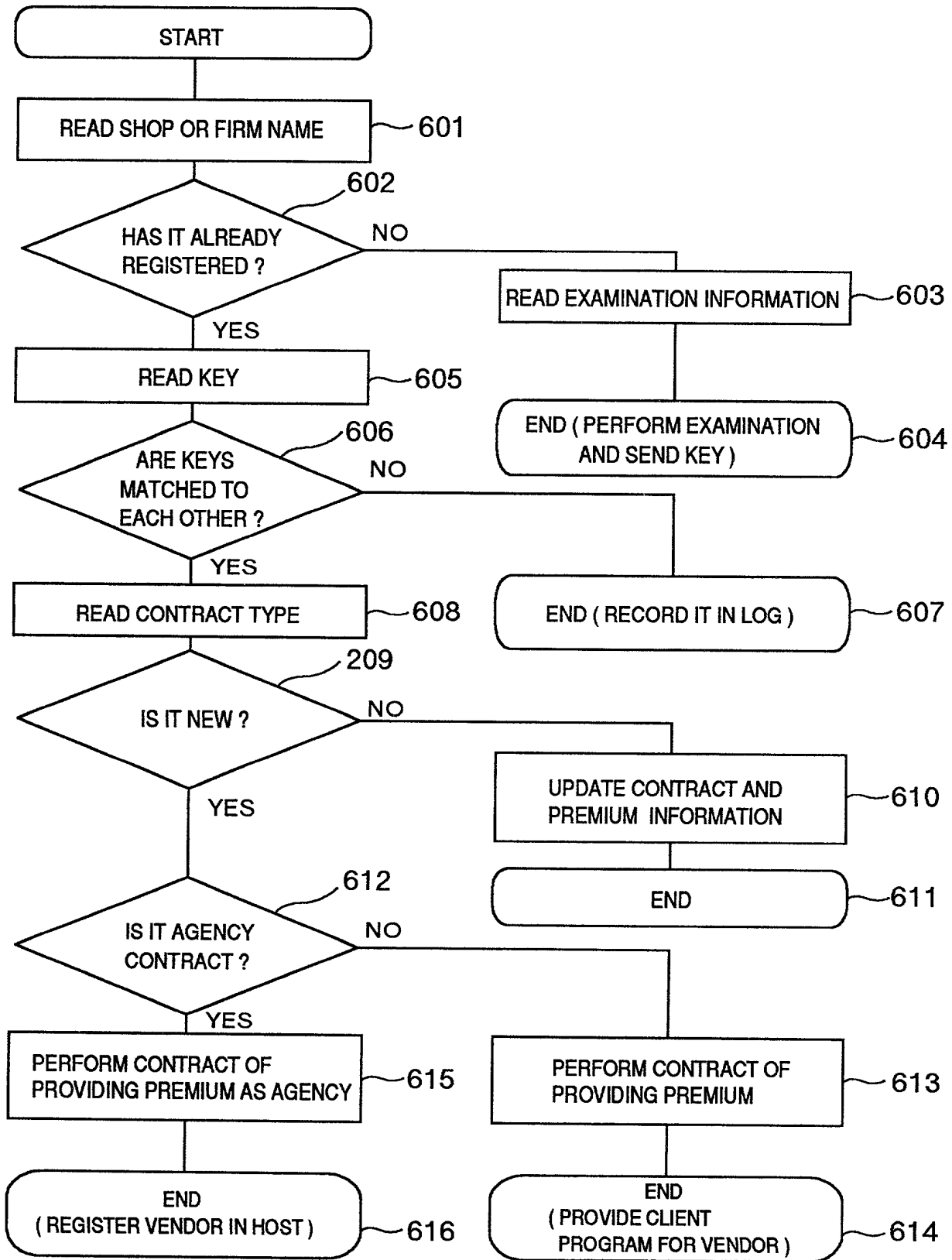
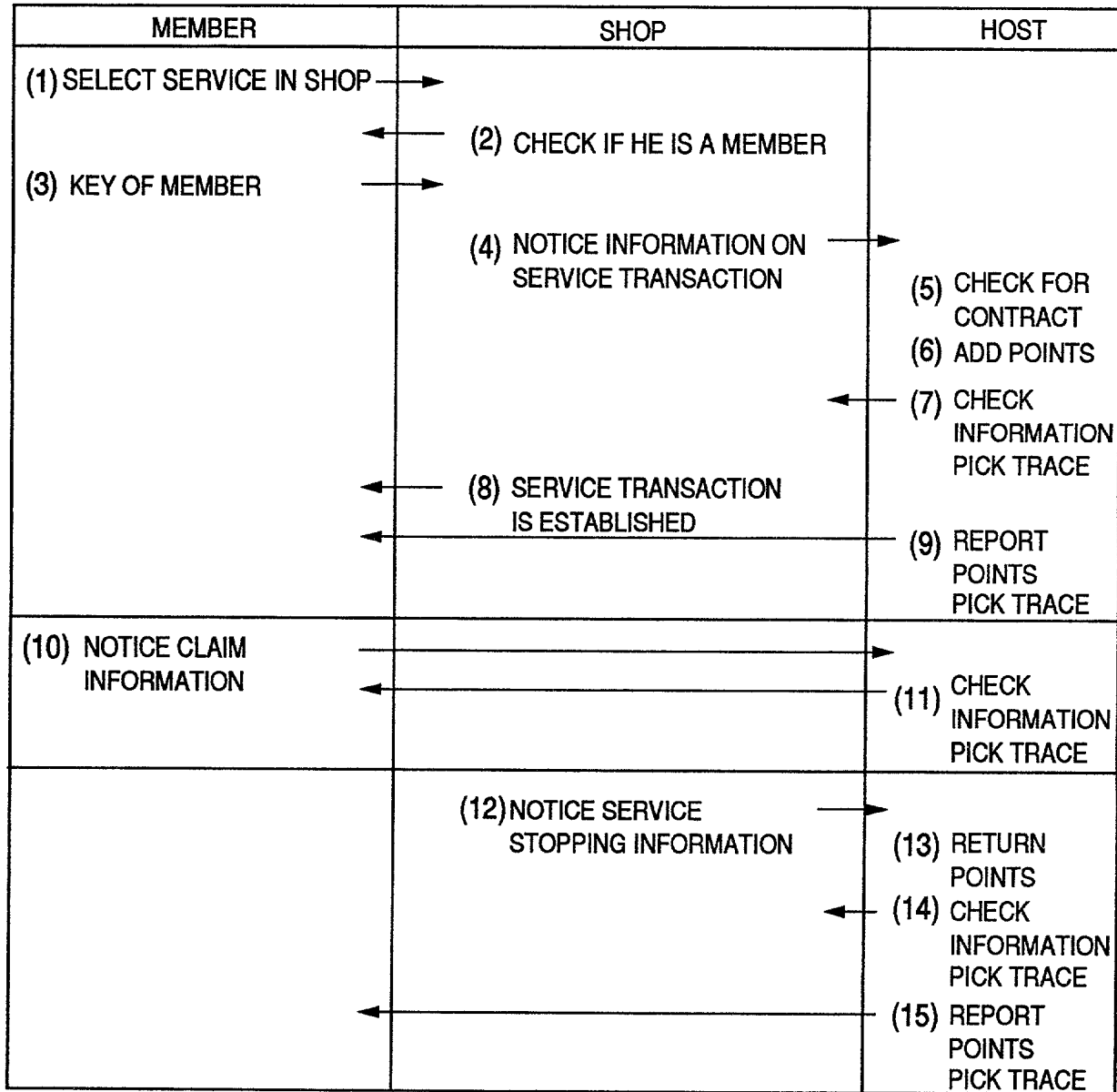


FIG.7



033441 041901
105140 1642550

FIG.8

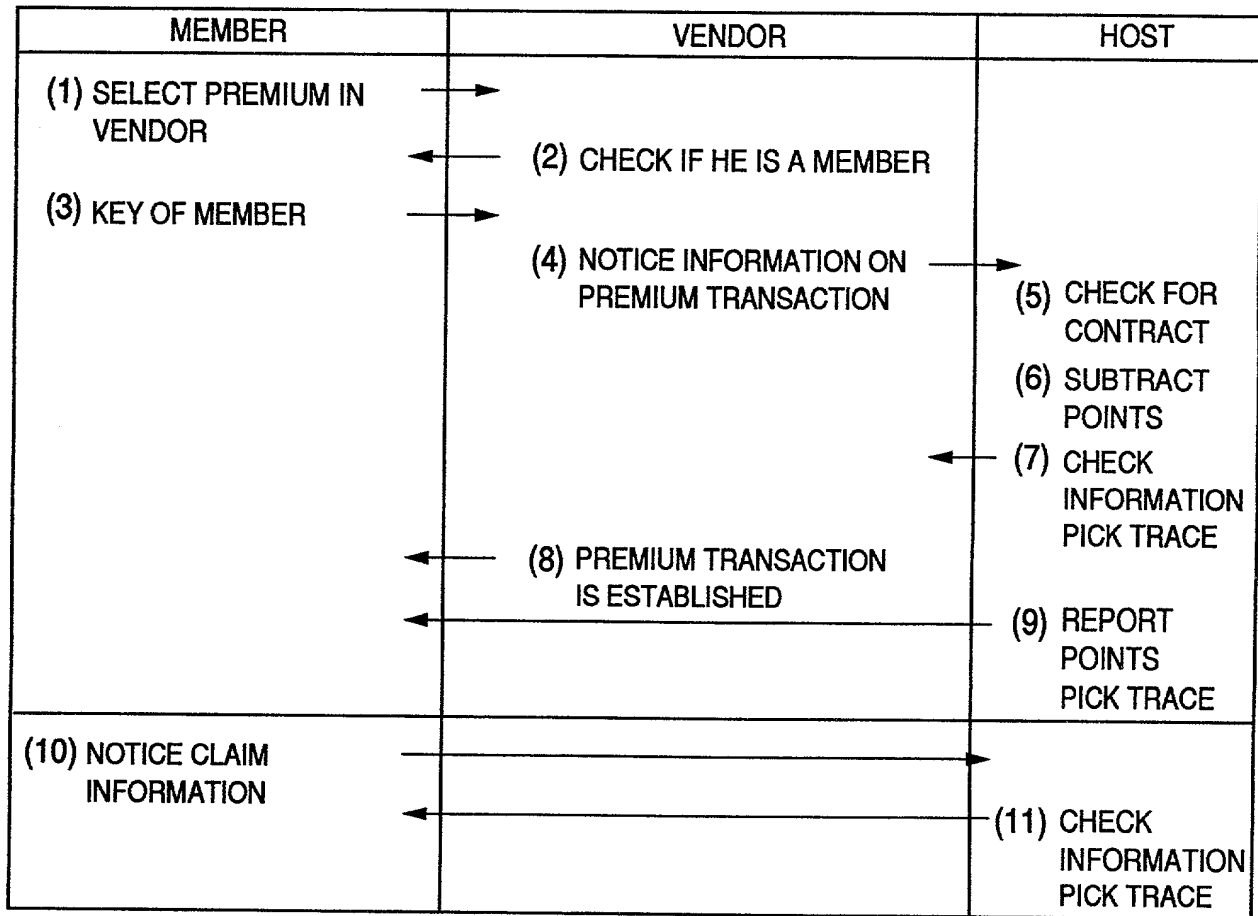


FIG.9

(a) SERVICE TRANSACTION INFORMATION (SHOP TO HOST)

| | | | |
|-------------------------|---------------------------------|---------------------------|-----------------------------|
| MEMBER ID | MEMBER KEY | SHOP ID | SHOP KEY |
| SERVICE ID | NUMBER OF PROVIDING POINTS | TERM OF SERVICE PROVISION | REMAINING NUMBER OF SERVICE |
| ADOPTION OF BONUS POINT | CURRENT EFFECTIVE TERM OF POINT | COMMENTS | |

(b) REPORT ON POINTS IN ASSOCIATION WITH SERVICE TRANSACTION (HOST TO MEMBER)

| | | | |
|---------------------------|------------------|------------------------------|------------|
| MEMBER ID | TRANSACTION DATE | SHOP ID | SERVICE ID |
| NUMBER OF OBTAINED POINTS | USE OF FAMILY | NUMBER OF ACCUMULATED POINTS | |

(c) CLAIM INFORMATION (MEMBER TO HOST)

| | | | |
|------------------|--------------|----------|------------|
| MEMBER ID | MEMBER KEY | SHOP ID | SERVICE ID |
| TRANSACTION DATE | SIGNIFICANCE | COMMENTS | |

(d) SERVICE STOPPING INFORMATION (SHOP TO HOST)

| | | | |
|------------------|--------------|----------|------------|
| MEMBER ID | MEMBER KEY | SHOP ID | SERVICE ID |
| TRANSACTION DATE | SIGNIFICANCE | COMMENTS | |

(e) REPORT ON POINTS IN ASSOCIATION WITH SERVICE STOPPING INFORMATION (HOST TO MEMBER)

| | | | |
|-------------------------|------------------|------------------------------|------------|
| MEMBER ID | TRANSACTION DATE | SHOP ID | SERVICE ID |
| NUMBER OF RETURN POINTS | USE OF FAMILY | NUMBER OF ACCUMULATED POINTS | |

(f) PREMIUM TRANSACTION INFORMATION (VENDOR TO HOST)

| | | | |
|-------------------------|----------------------------------|---------------------------|------------------------------|
| MEMBER ID | MEMBER KEY | VENDOR ID | VENDOR KEY |
| PREMIUM ID | NUMBER OF CONSUMED POINTS | TERM OF PREMIUM PROVISION | REMAINING NUMBER OF PREMIUMS |
| ADOPTION OF BONUS POINT | CURRENT EFFECTIVE TERM OF POINTS | COMMENTS | |

(g) REPORT ON POINTS IN ASSOCIATION WITH PREMIUM TRANSACTION (HOST TO MEMBER)

| | | | |
|---------------------------|------------------|------------------------------|------------|
| MEMBER ID | TRANSACTION DATE | VENDOR ID | PREMIUM ID |
| NUMBER OF CONSUMED POINTS | USE OF FAMILY | NUMBER OF ACCUMULATED POINTS | |

FIG.10

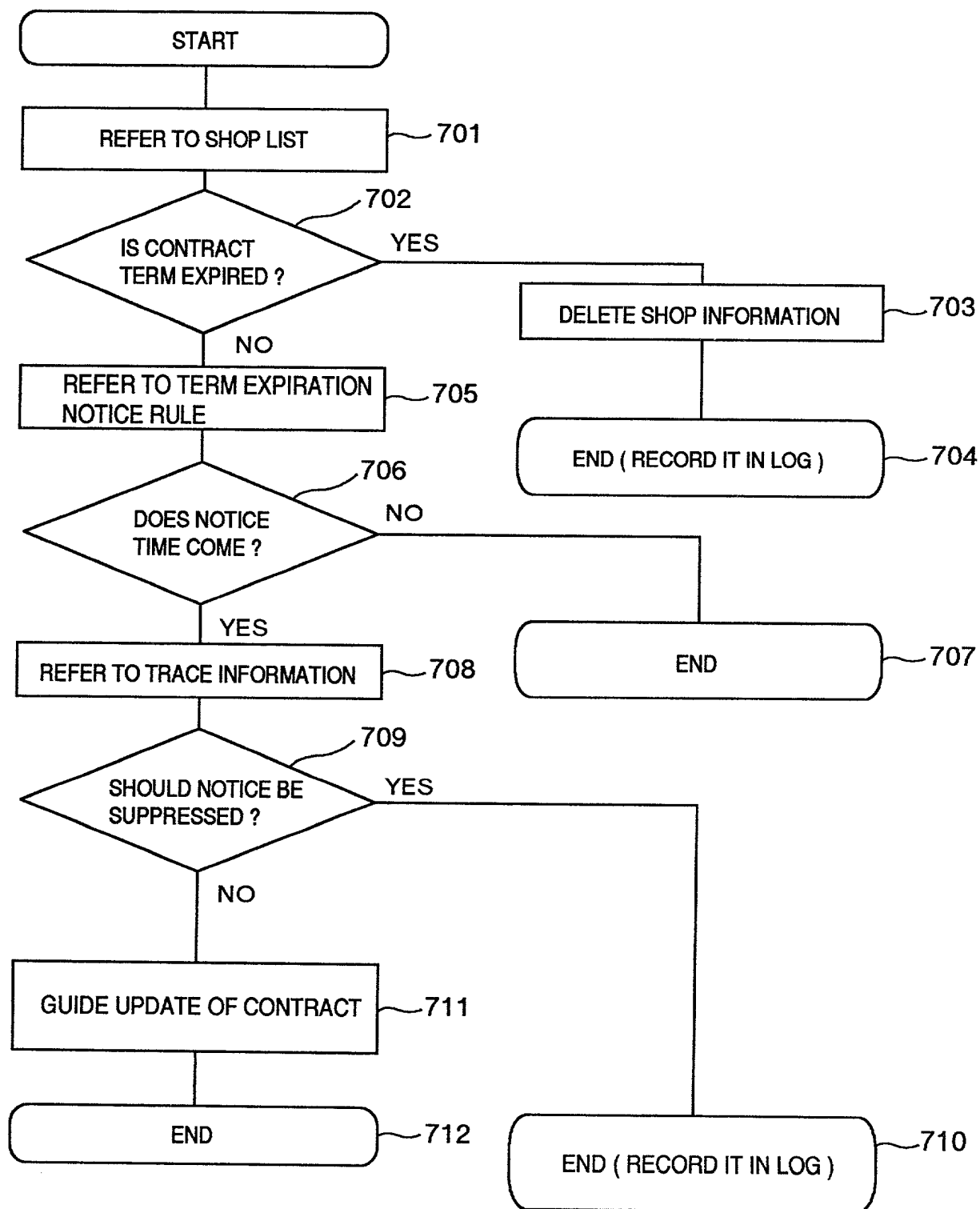


FIG.11

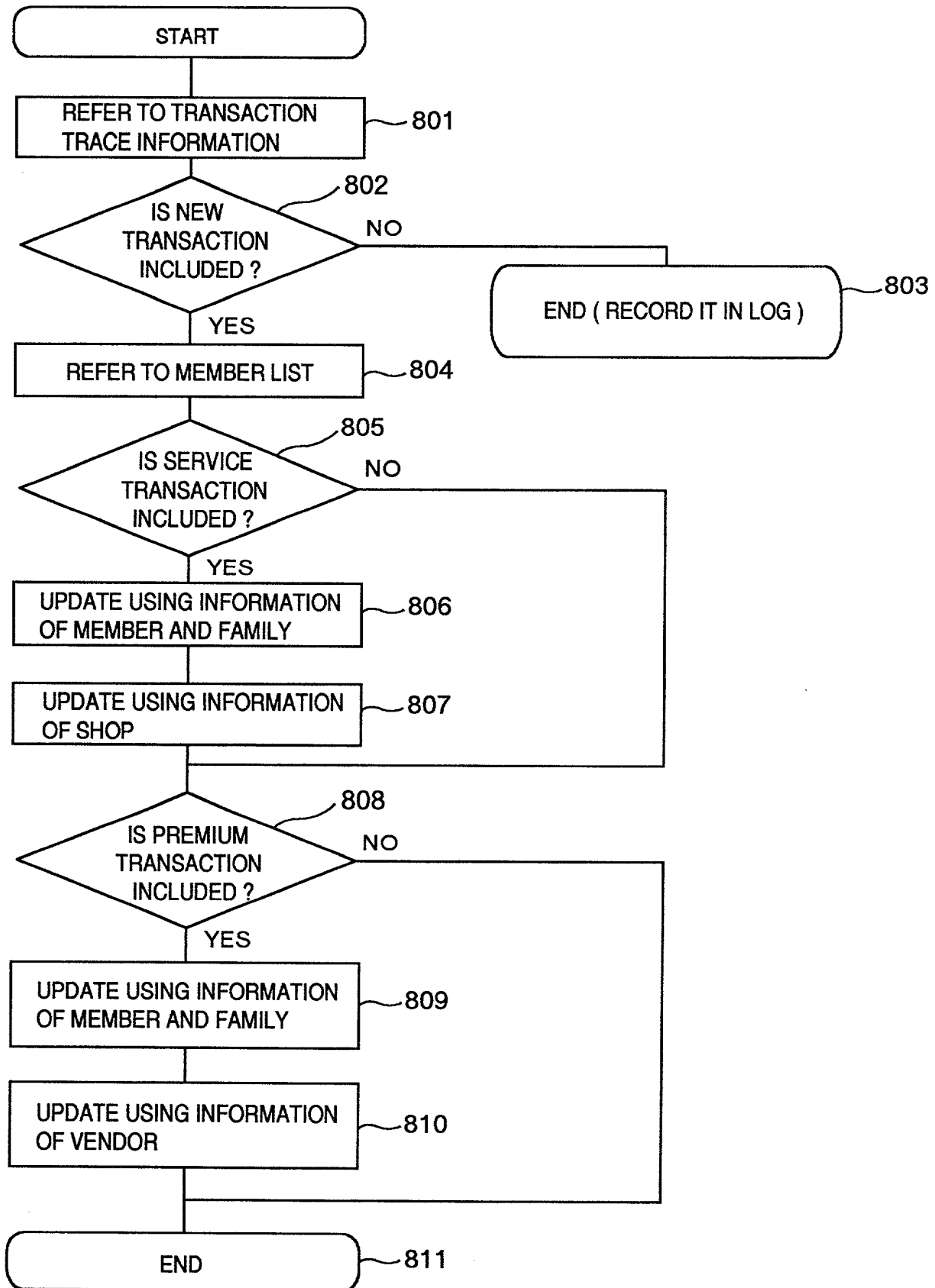


FIG.12

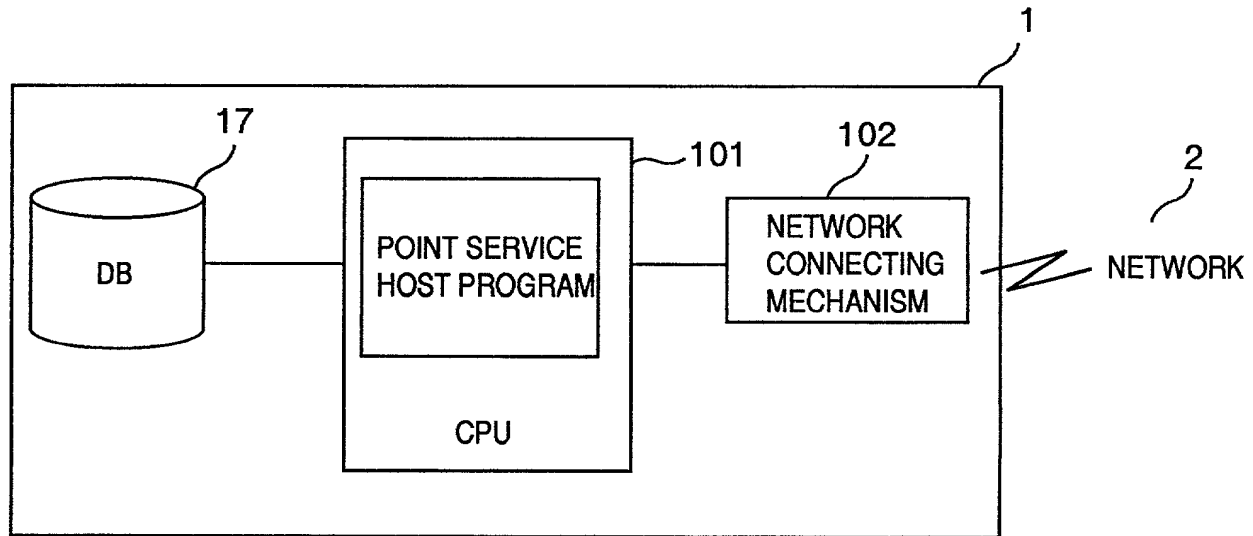


FIG.13

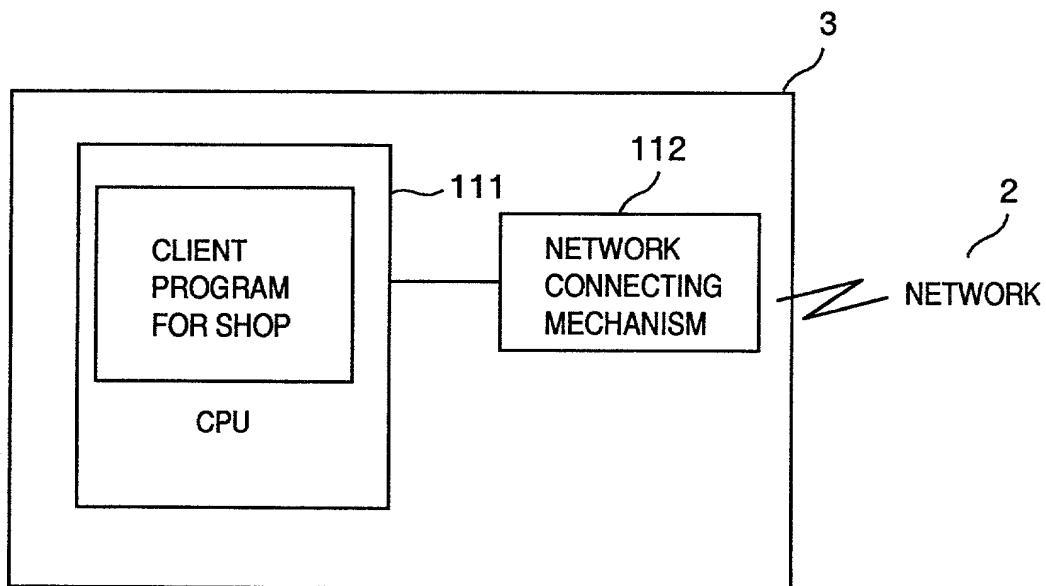


FIG.14

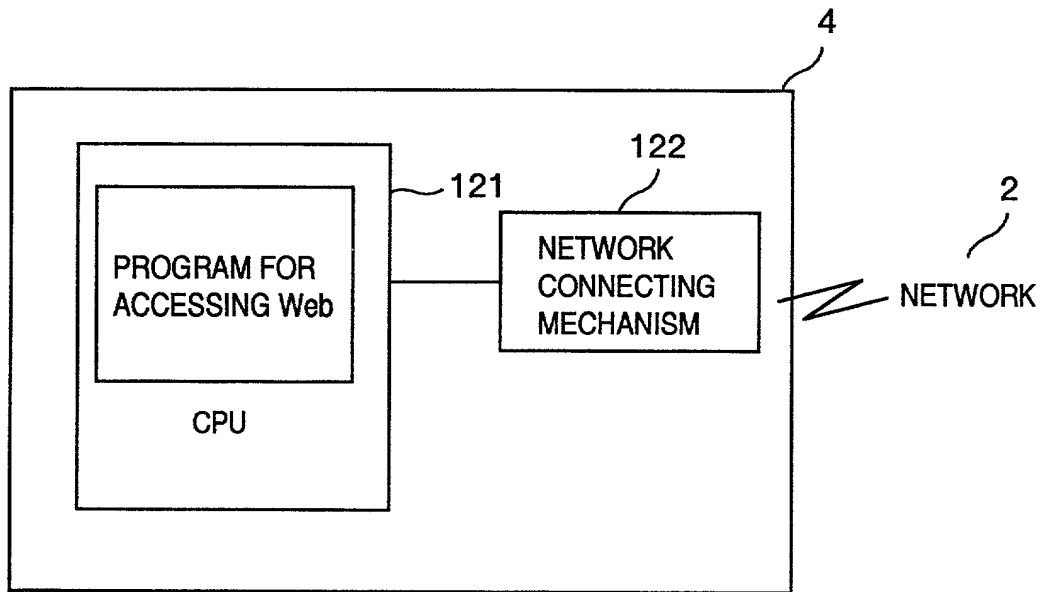


FIG.15

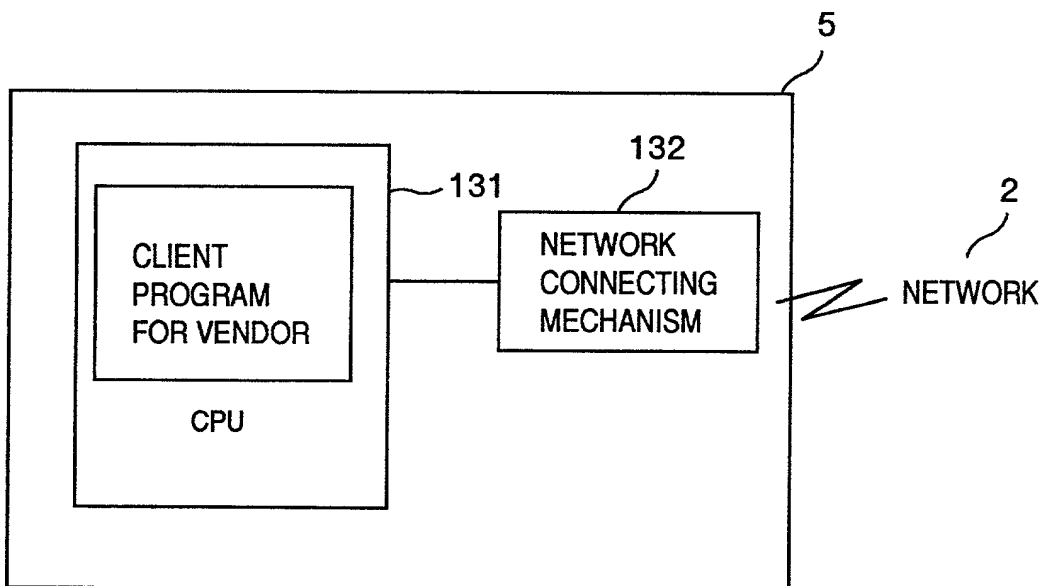


FIG.16

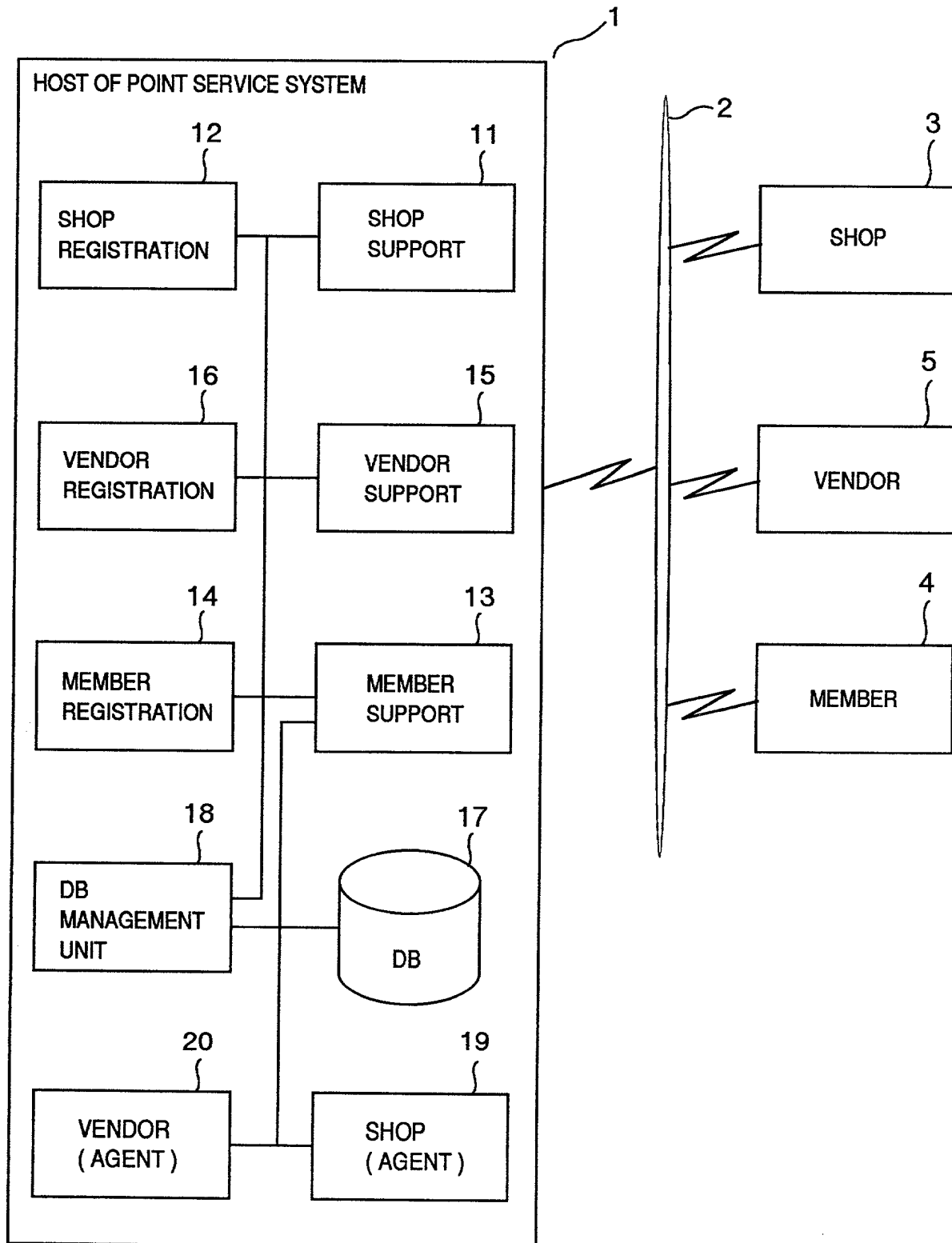


FIG. 16

FIG.17

WELCOME TO ABC POINT SERVICE SYSTEM

ENTER YOUR KEY

☐ KEY IS STORED

| | | | | |
|-----------|--------------------|----------------|------|--|
| YOUR NAME | YAMAMOTO YOSHIMASA | CURRENT POINTS | 2000 | |
|-----------|--------------------|----------------|------|--|

| YOUR LATEST POINT OBTENTION | TRANSACTION DATE | SHOP NAME | SERVICE NAME | OBTAINED POINTS |
|-----------------------------|------------------|----------------|--------------------------|-----------------|
| | 2000.11.18 | MAKIGUCHI SHOP | COLLECTION OF PHOTOS #18 | —— 200 |

| YOUR LATEST POINT CONSUMPTION | TRANSACTION DATE | VENDOR NAME | PREMIUM NAME | CONSUMED POINTS |
|-------------------------------|------------------|-------------|-------------------|-----------------|
| | 2000.05.03 | TODA SHOP | VICTORY TROPHY #5 | —— 20 |

| | |
|-------------------------------|---------|
| CURRENT POINTS OF YOUR FAMILY | —— 2800 |
|-------------------------------|---------|

SHOP INTRODUCTION

MEMBER TRANSACTION HISTORY

VENDOR INTRODUCTION

SHOP NEW REGISTRATION

MEMBER NEW REGISTRATION

VENDOR NEW REGISTRATION

SHOP UPDATE SERVICE

NUMBER UPDATE SERVICE

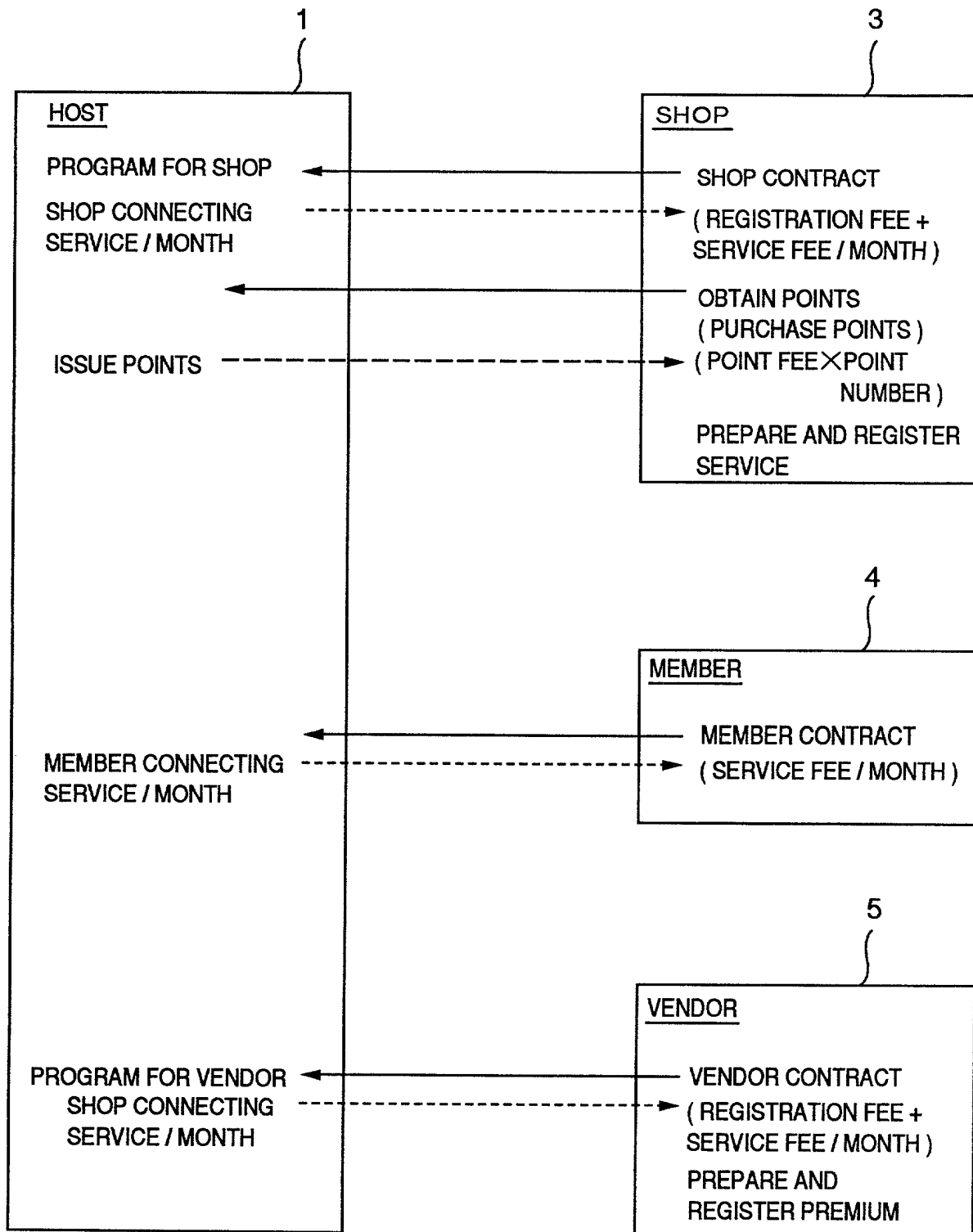
VENDOR UPDATE SERVICE

CLAIM TO SHOP

QUIT ABC

CLAIM TO VENDOR

FIG.18



PAYMENT —————→
 PROVISION OF SERVICE - - - - -→
 MOVEMENT OF POINTS→

FIG.19

